

5. Install both front wheels as described in this chapter.
6. Align the toe-in adjustment of the front wheels as described in Chapter Three.
7. Tighten the tie rod end locknuts to the torque specification listed in **Table 1**.
8. Install the front fender as described in Chapter Thirteen.

### STEERING KNUCKLE (1988-1992 2-WHEEL DRIVE)

#### Removal/Installation

Refer to **Figure 47** for this procedure.

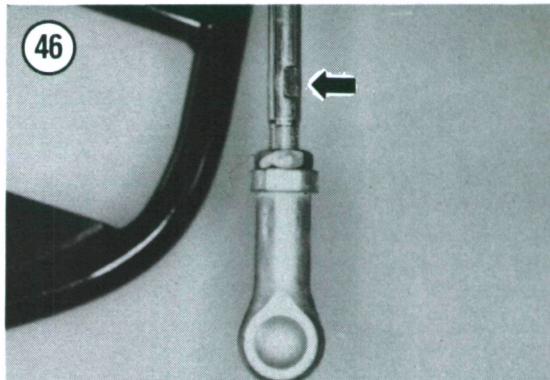
1. Place the vehicle on level ground and set the parking brake. Block the rear wheels so the vehicle will not roll in either direction.
2. Remove the front wheels as described in this chapter.
3. Remove the front fender as described in Chapter Thirteen.

#### NOTE

*It is not necessary to disconnect the hydraulic brake hose from the brake*

panel. Move the brake panel out of the way and support it with a piece of wire to take the weight off the brake hose.

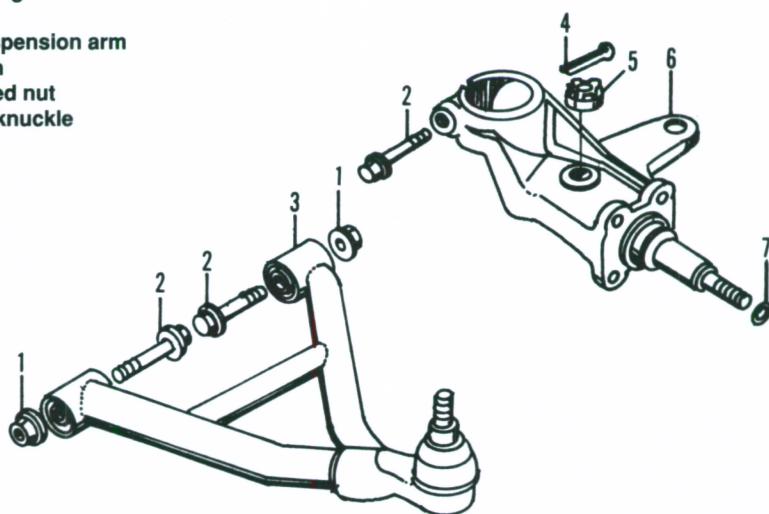
4. Remove the front brake drum, brake hose and brake panel as described in Chapter Twelve.
5. Disconnect the outer end of the tie rod from the steering knuckle as described in this chapter.
6. Remove the cotter pin (A, **Figure 48**) and castellated nut (B, **Figure 48**) securing the ball joint to the steering knuckle.
7. Remove the shock absorber lower pinch bolt (C, **Figure 48**).



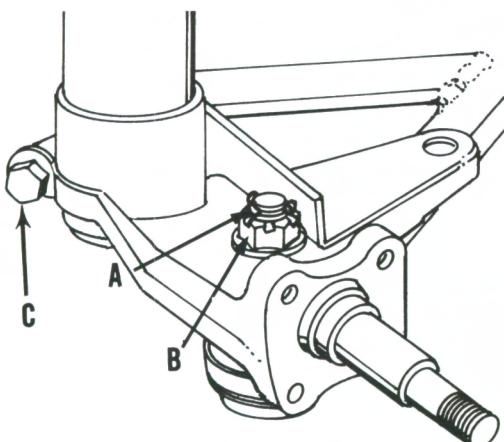
47

### STEERING KNUCKLE AND FRONT SUSPENSION ARM (1988-1992 2-WHEEL DRIVE)

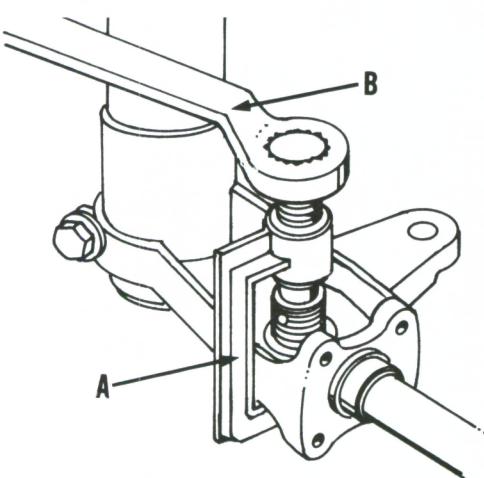
1. Self-locking nut
2. Bolt
3. Front suspension arm
4. Cotter pin
5. Castellated nut
6. Steering knuckle
7. O-ring



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8. Attach a ball joint puller (Honda part No. 07934-5510000) or equivalent (A, **Figure 49**), to the ball joint and tighten with a wrench (B, **Figure 49**). Remove the steering knuckle from the lower A-arm and withdraw the shock absorber from the receptacle in the steering knuckle.

9. Remove the steering knuckle.

10. Inspect the steering knuckle as described in this chapter.

11. Install by reversing these removal steps while noting the following:

- Install the steering knuckle onto the lower end of the shock absorber and align the split in the knuckle with the projection on the shock absorber.
- Tighten the shock absorber pinch bolt to the torque specification listed in **Table 1**.
- Install the steering knuckle onto the lower A-arm. Install the castellated nut and tighten to the torque specification listed in **Table 1**.
- Install a new cotter pin and bend the ends over completely.

### Inspection

1. Inspect the steering knuckle for cracks or damage, replace if necessary.

2. Inspect the spindle portion where the front wheel bearings ride for wear or damage. A hard spill or collision may cause the spindle portion to bend or fracture. If the spindle is damaged in any way, replace the steering knuckle.

3. Check the hole at the end of the spindle where the cotter pin fits. Make sure there are no fractures or cracks leading out toward the end of the steering knuckle. If any are present, replace the steering knuckle.

### STEERING KNUCKLE (4-WHEEL DRIVE AND 1993-ON 2-WHEEL DRIVE)

#### Removal/Installation

Refer to **Figure 50** for this procedure.

#### NOTE

*In this procedure where reference is made to "On 4-wheel drive and 1993 2-wheel drive models," the 4-wheel*

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